

FABRICATION OF A REFLECTIVE SPATIAL LIGHT MODULATOR

ABSTRACT OF THE DISCLOSURE

[0088] Fabrication of a reflective spatial light modulator including a micro-mirror array. In one embodiment, the micro mirror array is fabricated from a substrate that is a single crystal material by only two main etching steps. A first etch forms cavities in a first side of the material. A second etch forms support posts, a vertical hinge, and a mirror plate. Between the first and second etches, the substrate can be bonded to addressing and control circuitry.